WRESTLING TOURNAMENT

Soviet Gracco Roman wrestlers have won the first places in eight divisions at the international "Peer Gynt" Cup which has ended in the Norwegian rapital Oslo.

in the final bouts, the winnets were Rafail Nasibullov from Satansk, champion of the 30h Summer Tournament of the Soviet Nations (under 68 kg) 1981 world champions Mikhail Montashvill of Moscow (unde-71 kg), Teimmaz Apkhazava o Kotolsi (under 82 kg), and Igo-Kanygin of Vitebsk (under 90 kg), as well as Yevgeny Advoktin (over 100 kg), ex world champion Tenro Kazntash Oh of Ruslavi (under 48 kg). the 1903 world cup winner. Ka mandar Madzhtrov of Minsk buder 62 kg), and Vostly Fo our of Kirov (under 57 kg).

Rivals are known

The next, 14th European Table Tennis Champtonship to he held in Mescow from April 13/22 this year, will be the tood representative in the hisyory of these contests. Table to time, players from 28 countries will play in the Small Sports Arena of the V. I. Lenin Central

The champlonship will tradibonally be started off by team events. The Soviet men's and women's teams will be among the 12 best. In their sub-division, the Soviet players will encounter national teams from West Germany, Romania, Czechoslova-Sto. Yugoslavia and Poland. In prof minary contests, our table feating players are to meet Czechoslovak, Yugoslav, West Cerman, Polish and Italian com-

GALA ON WATER

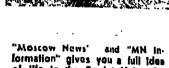
The 301 International Synchronous Swimming Tournament for the "Soviet Woman" maga zine prize drew nearly 40 con testants from Bulgaria. Austria, Sweden, Cuba and the USSR The singles' event was won by European silver medallist Alex andra Worisch, of Austria. Special attention centered on

the duer competition, which has only recently been admitted to the Summer Olympics programme. The winners were Ha Sana college students Natalia Prieto and Teresa Perez, and Velena Cisipova and Irina Po-syunkina of the USSR who ran

Olga SHIRONINA

in the photo: Natatia Pricio and Teresa Perez In action.

Photo by Ardrer Knyazee





"My lutermallou" comes onl on Fuesdays and Saturdays and offers in brief the latest information on events in the USSR and in the world reported by TASS and loreign news agencies.

Nothing short of the material carried in the editions of both



The USSR Figure Skating Federation has named the na-Booal team for the world chain pionships to be held in Ottawa. Canado, on March 19-24,

Few changes have been made to the side which competed at the Olympics -- the new additions are the young dancing pair of Lymmila Kublova and Andrel Kaliffin, coached by Irina Rodnina, and the aiready well-established duet of Yelena Batanova and Alexet Solovyov. trained by Lyndmila Pakho-

The team is led by pairs Olympic winners Yelena Valo-va and Oleg Vasilyev, aided

hy Olympic pair bronza sig-mers Lerisa Seleznyova g: Oleg Makarov.

Our chief dancing bopeling are Olympic silver medaling Matalya Bestemyanova and Addited Bukin and this teak addiscovery, bronze Olympic collabilists Marina Kimova es Sergel Ponomarenko.
Olympic bronze medalist k

ra Ivanova and youthful Eq pean bronze medallist Ac-Kondrashova will enter the kin men's singles, while Europa: champion Alexander Federa and Vladimir Kotin are exto avenge their poor Olympic showing in the men's sing-i

RUGBY PLAYERS AFTER 'WINTER REST'

The 20th European rugby champlonship in group A re-sumed after the winter recess with a game between France and Italy. Also included were another four teams, among them the Soviet one. The oft-winners of this tournament, France who did poorly last season placing behind Romania, Italy and the USSR, beat Italy, the silver medallists, 33-16 (12-3), in the town of Chalon-sur-Saône.

with a game less. All less tions are that the French as not going to repeat last & son's mistakes. They are to in second place with six par-liely are third with five place from three games and the US fourth with lour points at. two games.
The USSR will next to

France continues undeless;

against Morocco in Casabir on May G. Poland in Warsawa This was the sixth game of the tournament. Romania, lead-May 20, and with France ing with seven points, beat the USSR and Poland but lost to Moscow on May 31. Boris MIKHARG

IN PREPARATION FOR THE FINAL GAMES scheduled for the

The national teams of Belgium, West Germany, France and Spain have played friendiles in preparation for the final matches of the European Cham-

summer in Prance. Brussels. The Belgians
0-1 to the West Germans. Paris. At the Parc des fi ces Stadium, where the or Ing and final matches of the European Championship ? to be played the French part. al team beat Brilain 2-0. The French captain, M Platini, voted best footbalkt last year, did splendid thing. He not only scored b goals, but also maintained control of the centre the field, mustering his the for vigorous attacks.

ploaship

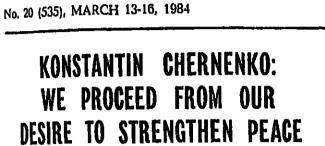
Luxemburg. Spain had di-culty in defeating Luxenica 1—0.
Throughout the first hall. In Spaniards were unable to broke through the well-organized force mounted by the broke Reinforcing their game by the ing some replacements dentitle break, the Spanish for scored their only goal.

The next issue of "MNI" will appear on Narch 13, 1931

A LEADING MENTERS ELFTECHERED WELL Horaca

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LIN INFORMATION No. 19, 194



The policy which the Soviet leadership has collectively developed and implemented both in this country and elsewhore, will configue.

This was stressed by Konstan-tin Chernenko, Ceneral Secreta-ry of the CPSU Central Comuntire during his meeting with Hans Jorhan Vogel, member of the Presidium of the Social De-mortalic Party of Germany (ikG) and chairman of this par ty's laction at the Bundesiag who is now in Moscow.

The continuity in our foreign policy means first and foremost Basisidin Chernenko em chaited that we must do hat catastrophe impossible. It obleve a real turnaround in the ingerous development of events of the world. It means we should core along the read of equitable operation between states, and on peaceful coexistence. This is the spirit in which we He ready to act jointly with all foliated and public forces, with all governments which pursue imilar objectives.

Konstantin Chernenko dwelt upon the problem of halting the on USSR-US relations. He plated out with regret that the US Government shows no sign of lanting an agreement on nuclear aims limitations and reductions on the basis of equitability and equal security

The US and NATO attemptto put us under an additional strategical threat by deploying 16 Western Europe American DEMAND BY AAPSO

Calro, The Afro-Asian Por

caro. The Afro-Asian People's Organization has demanded the withdrawal of Israelitorys from Lebanon and an end to the ploys against the asilonal unity and territorial integrity of this country. A statement circulated by the Organization's permanent secretariat 74lion's permanent secretariat welcomes Lebanon's decision to annul the oppressive agreement with Israel forced on it by the USA, It was none other than out, who gave the Israeli aggressors milliary, political and
material aid and incited Tel
Aviv to occupy Lebanon. The
anii-Alab policy of Washington
loss of life and destruction, and
greated a threat to world peace.
Stressing the fallure of the created a threat to world peace. Stressing the feilure of the aggressive policy, the Organization demanded that the USA stitldraw lis forces from Lebanese shores and end provocations against the Syrian contingent of the Arab peace-keeping and just peace in the Middle Essi, the document points out can be established only by recognizing the legitimate national rights of the Arab people of tellero in the internal affairs of the Lebanese people.

first-strike nuclear weapons, are naturally challenged not by surrendering our positions, but rather by taking necessary defence countermeasures.

The Soviet Union is prepared as before to solve the problem of both strategical and "European" nuclear weapons on a constructive mutually acceptable basis. The negotiations may be resumed at any moment-all that is needed is for the USA to remove the obstacles it created by having deployed new missiles in Europe. This will render redundant our measures of res

We underline the necessity to return to the previous position not because of considerations of prestige, we sluply do not want the danger of war to continue to grow in Europe and the whole world. In other words, we proceed from our desire to strengthen peace.

Round the Soviet Union

 A MAJOR SCIENTIFIC DISCOVERY IN THE AREA OF THE CHEMISTRY OF BURNING HAS ENTERED THE STATE RE-GISTER OF SCIENTIFIC DISCO-VERIES OF THE USSR. A group of scientists in Moscow has detec-ted previously unknown proces-ses which take place in the course of interaction between chemical elements in the burn-

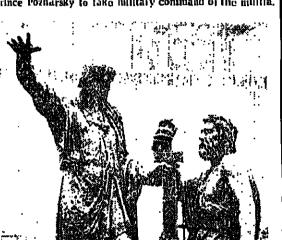
ly three hundred simple and complex compounds which will speed up progress in science and technology in such areas as metallurgy, and machanical, electrical and radio angineer-

• THE FOURTH POWER BLOCK RATED AT A MILLION KILOWATTS HAS BEEN COM-MISSIONED AT THE Y. I. LENIN CHERNOBYL NUCLEAR POWER PROJECT, ONE OF THE BIG-GEST NUCLEAR STATIONS IN THE COUNTRY. Since Its first power block went into operation, more than 82 thousand mil-Ing of solid compounds. Proceeding from this discovery, scientists have synthesized near-nobyl. tion kilowatt-hours of electricity

Price 5 kopeks

MOSCOW SIGHTS

There are about 30 atomuments to Vindimir Lenin in the capital, including this one which stands before the (left photo). The monument to Minin and Pozharsky in Red Square is the first place of sculpture to be erected in Moscow. Unveiled in 1818 it gave expression to the particle sentiments inspired by the expulsion of Napoleon from Moscow in 1812, it commemotes the sentiments of the European State of the State of rates the achievement of the Russlan people who two centuries earlier, in 1612, had liberated their country from foreign invaders. The munument shows Kozma Mi-nin, one of the leaders of the people's militia agains the Polish and Lithuanian Intervention, as he summo prince Pozharsky to take military command of the militia



In support of the Arab people

The Soviet Union has always been and always will be on the side of the just cause of the Arab peoples, their strugglo against Israell aggression, and their fight for freedom, independence, and a just prace in the Middle Last.

This was stated in Damascus by Geldar Aliyev, Member of the Politbureau of the CPSU Central Committee, and Pirst Vice-Chairman of the USSR Council of Ministers, During a short working visit to Syria he met Syrla's President II. 12 al-Assad, Prime Minister Abdel Rauf Kassem and Deputy Prime Minister and Minister of Forcign Affairs Abdul Hailm Khad-

In assessing US actions in the Middle East, Aliyev stressed litical pressure set in motion by the American imperialists was malfunctioning. Evidence of this is the end of the infamous and oppressive agreement which the USA and Israel sought to force on Lebanon. This is a big success for the national patrio tic forces of Lebanon and the entire Arab world. Considerable credit for it goes to Syria

course, which is steadily suppor-ted by the Soviet Union.

Outlining the Soviet position on the Middle East, Aliyev stressed: We favour an end to imperialist dikiat and interfe rence in the internal affairs of countries in the region, and wish to see it free of imperial-

for her staunch anti-imperialist

the Middle Fast whoreby its countries could focus on the tasks of creation and progress. For this to happen a just settle-ment of the Middle East conflict

is necessary, he stressed. We support moves whereby the Arab people of Palestine fighting under the leadership of the PLO, their sole legitimate representative, receive the op-portunity to exercise their in-allenable national rights, includ-ing the right to independent

We favour more cooperation between the Soviet Union and Syria and all Arab nations on the basis of equality and mutual respect, and support stronger Soviet-Syrian and Soviet-Arab

FACTS and EVENTS

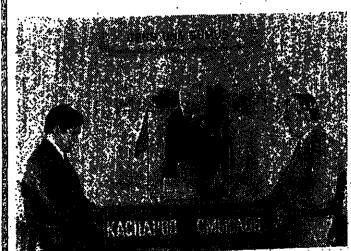
 The Peniagon is going to increase the number of US troops in Western Europe.
 Korb, US Assistant Secretary of Defense, has declared that the Peniagon will have 376.4 the Pentagon will have 326.4 thousand man and officers in Western Europe in 1985. The increase is made necessary by the deployment of the new Ameri-can missiles in Western Europe,

© The armed forces of the Democratic Republic of Afghanistan enjoy active support from the population in their continuing operations aimed at liquidating, the counter-revolutionary gangs. According to the Bakhlar news agency, about 200 bandits were killed recently in various provinces of that country. Large quantities of foreign-made arms and ammunition have been captured.

 A special customs unit has been set up by the Rigerian Government to fight the litegal export of oil. Its unlawful transportation abroad in tankers, tanks and even in barrels in-flicts considerable damage on the Nigerian economy. An operation conducted by Nigerian customs officers in the port of Lagos has resulted in the defention of 11 tankers with contra-

@ "No to cruise missiles!" "No to the arms racel" — these were the slegans carried by thousands of Canadians who took to the streets in Ottawa, Toronto, Halifax, Calgary, Edmonton, Yancouver and other cities. The enti-war demonstrators demanded that the agreement with the USA which has allowed the Peniagon to turn the country of the maple leaf Into a testing ground for US cruise missiles be cancelled.

CHALLENGER MATCHES



chess series has begun in Vilnius, capital of Soviet Lithua-

The first game between Soviet Grandmasters Garri Kosparov (White) and Vastly Smyslov was tled in the 34th move.

In Social, Irina Levilina beat Lidiya Semyonova in the 46th move in the second game of the women's final challenges, match and now leads with 1.5-0.5.

The maich is onl Garri Kasparov (left) facing Vasliy Smyalov,

ABROAD

DEAR READERS.

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INDIA

the CAC basketball-players have again become USSR champions.

Sergel Antonov, of the USSR, placed second in 54.02.07 (1)

and his teammate Valery Medvedisev third, in 54.48.09. And-

ther Soviet participant, Pavel

Antipov, came fourth in

In the photo: a tense moment during the match,

Andre Schmisch, of the GDR,

has won the 15 km event at

the world lunior biathlon cham-

plonship at Chamonix, France. Last year's 10 km world cham-

plon now clocked 54 min U1.01 sec. with a three-minute

YOUTHFUL BIATHLONERS COMPETE

the week. Subscription to "Moscow News" and "MN information" can be taken out with the fol-

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AMERICANS CONDEMN WHITE HOUSE MILITARISM

New York. The sharp deterioration in Soviet-American relations is a result of the foreign and military policies of the Reagan administration, said Paul Warnke, a prominent American

ENCROACHMENTS INTO ETHIOPIA'S INDEPENDENCE

Addis Ababa. The Ethiopian Foreign Minister Goshu Wolde has resolutely condenned the mass airliting of sophisticated weapons to the Sudan from the United States. Addressing a press conference here, he declared that the setting up of this "air bridge" provides gra-phic evidence of the existence of the "Washington-Khartoum" axis whose aim is to encroach on the independence of Ethiopia and to subvert its territorial integrity. The fruntic airlifting American weapons to the Sudan also shows that the government in Khartoum has no sinrere desire to take part in a constructive dialogue to normalize relations between the two neighbouring states. On its part, stressed, Ethiopia reaffirms its desire to live in peace with the Suden on the basis of respert for the principles of national unity and territorial inte-

However, his country will never yield to imperialist blackmail, and in the present situafrom it is not considered expedient to hold the conference scheduled in Nairobi between the foreign ministers of the two

At the end of last week, the First Vice-President of the Sudan Omar Mohammed al-Tayeb made an official announcement on his return from Washington about the establishment of the "air bridge" between the two countries for urgent airlifting of American weapons to the Sudan. In this respect, political observers have expressed the opi-nion that the United States is atlempling to aggravate Sudanese-Ethiopian relations and to create another hotbed of tension in

political figure and former director of the US Arms Control and Disarmamont Agency. Addressing a conference convened by a number of public organiza-tions, he condemned Washington's attempts to solve international issues by military force. The United States must base its relations with the USSR on the principle of interest in the implementation of arms control, and not on giving a boost to the arms race, he pointed out.

The present administration has embarked on a road of confronvalion with the Soviet Union, which is fraught with the threat nuclear war, said retired Rear-Admiral G. Larocque, execulive director of the Defence Information Centre. He called on the White House to reverse ils dangerous policies. Former Senator Frank Church, who is a prominent political leader, accused Washington of having no political realism. In an article in "The Washington Post", he points out that the rabid anti-Communism of the present American leaders makes them cling tenaciously to their totally discredited line of conduct in the international arena.



RESPONSE Elections in El Salvador: a superfarce to beat them all

It is not the first time that Washington has masterminded all manner of shameful farces hut the "presidential elections" in El Salvador scheduled for March 25 will go down in history, without doubt, as a superarce" to beat them all.

First, the outcome of the elections is decided in advance. The Salvadorens are offered a rather peculiar choice — they have to vote for either the rightlists or the ultrarightlats. Both Napoicon Duarte and Roberto D'Aumisson, the chief candidates, are tyranis and cruel hangmen responsible for the death of 15,000 of their compairiots.

Second, the "election cam paign" liself has unprecedented character. In El Salvador it was marked by unheard-of repression and intimidation of potential voters - the aim being to drum up "massive" support for

the elections. The blood-stained regime threatens those who re-fuse to vote with all conceivable punishments. Such is the triumph of "democracy" in El Salvador - you either get a bullet in your head or you vote for a president who will guar-

duran games designed in show support for the authorities in El Salvador. This, together with the dispatch of the aircraft carrler "America" to the region. hoils down to logistic support for the elections

El Salvador is ravaged, a third of its people are unemployed, and the "death squads" are ter rorizing the nation. The coun try needs peace, justice, and this is being fought for by the Farabundo Martt National Libe ration Front lighters who enjoy wide support among the people Weshington, however, is judiferent to the latter's aspirations its chief state and goal is to strengthen the regime, to give it the semblance of "legality" with the help of pseudo elections, and to directly holster its military might in order to defend the interests of American

I heard that in Italy there is a shortage of people for guarding historical monuments. Drowing by Konstantin Rybalko

antee you receive the same bullet, but a little later.

The White House is also very active. It has hastily provided the Salvadoran authorities with 4,000,000 dollars for the organical statement of the organical zation of the elections. Extreme ly concerned over the lack of ammunition in the Salvadoran army (for how can there be "free expression" of will without arms) it started pushing through the Senate a bill on urgent military aid for the regime. Finally, 2,000 American troops are being moved to the Honduran border with El Salvador for participation in American-Hon-

Nikolai ZABORIN

Warsow, in the first fe months of the present year.

Ventern radio stations broad casting in Polish have been & tively "analysing" the lot years of people's power in Personal land, writes the "Trybuta land, writes land, writes the "Trybuta land, writes land, wr du" newspaper. Those responsible for the Radio Free Bucks and Voice of America biosciant casts are doing their utmost h cast a stur on the forty years that a new society has been co-construction in Poland. The isdio saboteurs contest the ing role played by the Polish United Workers' Party in the construction of socialism aim being to distort the univer-sal principles of socialism. They are bent on fanning up name ism and pelty bourgeois senti-ment, hoping to subvert the pu-

blic and social structures of the

within.

Hypocritical statements of the local of such "assessments" of the 40-year-old people's state at and by "experts on Polish at made by "experts on the air.

Such statements are a reflec

tion of the deliberate distortes

accusations they try to cast

accusations they up play down shadow over and to play down

the obvious progress in the sevelopment of Polish society and

red under the leadership of the

over the past forty years of peo

No. 20. 1981

its immense achieve

party, of Polish comm

Polish People's Republic

within.

At the UN Security Council the USA refused to guarantee Lebanon against armed or any other interference in the event that the "multinational forces" be replaced by UN troops as suggested by France. The indications are that Washington is still hoping to regain just ground in the country with the help of tragel and her agent. First, the US mailed fist — the there.

CHILEANS CONTINUE THE

STRUGGLE Buenca Airea, Chilean Liv. union leaders have appealit. all working people in the m Try to close their ranks and torni a single powerful is a centre. In the joint company they have adopted it is reg that the labour centre ear unity the broadest state t working people for the deleg-of basic human rights

The main purpose of C: trade union organization (c) hi to wago a relentles it gio against dictatorship is restoration of democracy" 6. united actions can bring the y and couse the downth he hated regime

Chilean factory and dis-WOIKers, says Redolfo S.g. the Chairman of the Coach national do trabajadore, la c. Usundical, demand the relea tion of democracy in Chief: a change of the mesent six tion prevailing in that outs where, despite reprisals pig. notions continue for yet and. day of national profest to be held on March 27, Wea people will be joined as: they of protest by the main of position political parties - 🤊 🕽 luding the National Dence: Movement Incorporation

Countriumists and Socialist

Disturbances

in Pakistan

Delhi, Broad sections of fa

kistan's population are acide

opposing the country's milk i regime. There has been t

month of student unrest in the

Poujab and in northwest:

Discontent with the midus

even by those who usually 🕸 🌲

rule in Pakistan is admin-

hurder provinces.

post the authorities.

Saboteurs

on the air

against Nigeria

Lagos. Former leaders of the intional Party of Nigeria who have taken refuge in the USA and littlain are recruiting merenaries in the West with the am of invading Nigeria and recapturing power there. Certain transpational corporations are helping them to form "soldier ol fortune" units.

THE WORLD

CONTRADICTIONS CONCERNING

It was earlier reported that a

ten moter chasm appeared on the

surface of the range after an

underground explosion. Fifteen

people who were in the epicen-

ite of the explosion were

wounded. Commenting on the

accident, the press noted con-

siderable disparity between the

facts and the public statements

by the authorities concerning

the causes. A spokesman for the

Energy Department T. Clark

maintained at a press confer-

ence that the chasm appeared

by accident, However, the "Los-

Angeles Times" wrote that

shortly before the test geolog-

Science

and technology

LA VERSATILE HELPER

The World of Robots company

of the USA has developed a gen-

eral purpose robot, it greets its

master through a built up speech

synthosizer, can give you vari-

ous items, plays various table

ames. It is especially helpful

in dusting the apartment — a

true indefatigable and very care-ful helper. Its sonsors enable

the robot to distinguish between

the objects at a distance of 7.5

incires, to record unknown sounds, and to measure the tem-

perature of objects some 10 to

there is no one in the apartment.

I can be switched to a police

eceiver and inform the police

thout any intruder or noise.

Moreover, its two sensors signal

5 metres away from it. When

The shipyards of the Mitsubishi

Joykogyo concern in the city of

Kobs held a ceremony at which

it handed over to the Japanese

Navy the first Japanese missile

submariue "Nadashio" (in the

photo). It will be equipped with

the American Harpoon missiles,

which can bit ships at a dis-

tance of up to 110 kilometres.

Japanese newspapers evaluate the launching of the sub as a

new step in the preparations for blockading international strails in the Far East and in

the 1,000-mile zone which Wash-

ington demands that Tokyo

a correct of a worker C. Mish

in the hospital of the American

city of Las Vegas, Nevada, According to the medical bulletin.

the cause of death was serious

lupries to his internal organs

and broken bones after an ac-

colent at the Rainier Mesa test-

ing range during lests of a nu-

Mercenaries

Photo by AP-TASS

should police.

The plot is led by former Party chairman A. Akinloye, former Senate President J. Wayas former Minister of Commerce B. M. Yusul, as well as former Federal Minister of Transport U. A. Dikko. The latter has doclared a "holy war" on the present Nigerian administration and is making contact with high-iv placed officials in the United States, Britain and France in order to secure their support. According to the "Daily Star" newspaper, 300 million dollars have been allocated by the con-

spirators towards preparations for an invasion of Nigeria. The money will go to pay for the "services" of cutthroats who previously served under the infamous mercenary commander Michael Hoare whose bloody ctimes have earned him ill-repule on the African continent. Independent Africa's history, tins the "Daily Star", has politicians who, being exiled, allenpt to use mercenaries to tegain their lost position. The lifest example of this being the the mercenary unit in the Seychelles in 1981.

could be commercially obtained, the MTI news agency reports. SHOCK RECORDER FOR FRAGILE GOODS

about the appearance of smoke, carbon dioxide or unusually high WITH THE HELP

OF GENETIC SURGERY For several years now Hungarian scientists have been conducting experiments with the aim of obtaining insulin from genolic surgery. Their theoretical assumption is simple: if the gene governing the production of insulin in the human body is iplanted in **a c**actertiim allo

the bacterium will start produc ing insulin. Chance belped the researchers to obtain the required bacteria culture: In a benigh tumons of the panereas removed from a pallent they found bacteria with genes con trolling insulin production. Genelic surgery was then used to make the bacteria produce preinsulin, from which insulin

ists had thoroughly examined

the granite rock in the area of

the range and discovered no anomalies.

In view of this, specialists

noted the possibility that the nuclear device exploded at the

range had a yield higher than

into question the American com-

plianco with the 1974 Treaty on

the Limitation of Underground

Nuclear Weapon Tests and the

1976 Treaty on Underground Nuclear Explosions for Peaceful

Purposes which the United

grafted on To benedity matter

States has not yet ratified.

This and other facts bring

was previously announced.

More often than not devices and other fragile articles are broken because of mishandling during transportation. However. It is very difficult to pursuade a carrier that the delicate cargo has undergone excessive shocks or vibration.

In France, they have started manufacturing a miniature vib-ration recorder. This is a system of balls and springs contained in a plastic casing it is preadjusted to a certain impact acceleration (5 to 300 times greater than the free fall acceleration) and packed together with the products to be dispatched. Any shocks above the present thre-shold will result in disarrangement of initially symmetrically placed balls which will immediately be detected upon un-

FROM the SOVIET PRESS

RELYING ON SANCTIONS

Commenting on the amendments to the Exports Control Act adopted by the United States' Senute, which expires on March 31 this year, PRAVDA notes that It is a rather lengthy amendment which essentially gives a new interpretation to the document.

The new trade restrictions are for political reasons, infroduced at a time when great deal is being said in Washington about an "honest dialogue" with the Soviet Union, and about a desire for mutual understanding between our two nations. How are we to understand this? So far, the present American administration has only confined itself to words. There is never any time for practical sleps to be put into elical, or else they are diametrically opposite to the statements made.

One thing cannot be doubted. For any genuine improvement in Soviet-American relations, including areas like trade, It is necessary to have good will on both sides, and not from the Soviet Union gione. Recent experience has shown that all attempts taken by Wushington to dictate its will along with sanctions and emburgoes imposed by the White House invariably damage the United States Itself.

WHO IS AGAINST A STRONG INDIA?

Many of those who today commit crimes in Punjab have undergone special training under the direction of Islamabad and CIA instructors, writes the KRASNAYA ZVEZDA newspaper. It is also known that Dillon, one of the leaders of the secessionist movement for the creation of the state of "Khallstan", who has long been involved with the US secret services, plies between the USA and Pakistan

What is behind the US special services' subversive activity against India? First of all, Washington's discontent over India's non-aligned policy. US railing circles do not concent their exasperation at that country's independent and prin cipled lorging policy which is expressed in its support for the Atab peoples' struggle against Israel's expansionist actions, in India's solidarity with the peoples of the south of Africo, in its recognition of the legitimate government of the People's Republic of Kompucheo, in the country's realistic stand on the Atghan question, and of course in India's literalship and cooperation with the Soviet Umon.

Finally, India's tirm policy aimed at transforming the Indian Ocean into a zone of peace binders the realization of the Pentagon's dangerous designs to establish US military control over the region. This is precisely why the existence of a strong and stable India does not suit ruling circles in

ATTACKS AGAINST THE UNITED NATIONS

Recently, the United Nations has been subjected to parti cularly vicious attacks by reactionary forces, writes SOISIA-LISTICHESKAYA INDUSTRIYA. An active role in this unseemly campaian is being played by the Israell zionisis. An example is provided by a letter sent to the UN Secretary General, J. Percz de Cuellar by Israel's envoy Yehuda Blum who accused the United Nations of becoming a forum against

Everyone knows the reason for Tel Aviv's brazenness which steins from the unconditional support given by the United States and international zionism. It is as a result of diplomatic manocuvres from Washington and large-scale American economic and military aid that Israel dares to carry out its aggressive actions, seeking to change the political map of the Middle East to its liking

The slanderous inventions of the Israeli ruling clique against the United Nations serve as evidence that the zionists upported by the United States seriously believe in the possibility of Tel Aviv continuing to ignore and violate the UN Charter and to break the commonly accepted standards of in-ternational law. However, the hopes of the zionist rulers will

HOW 'CRUSADERS' ARE GROWN

KOMSOMOLSKAYA PRAVDA writes that recently a new official infilative was put forward in the United States in the area of International youth exchange. First and foremost it provides for a sharp increase in exchange between young leaders from "Industrialized democratic states".

What is the purpose behind this initiative from Washington? These aims are far-reaching—to educate on elite genera-tion of successors, to shape the leading officials of the future. to inculcate the principles and values peculiar to the United Siales, and to strengthen European organizations which support the Atlantic alliance.

This initiative is an allempt to instill in the minds of young people from other countries that NATO is synonymous with peace, and that the threat comes from the Soviet Union. Many million of dollars are carmarked for the brainwashing of the younger generation who, as the US president admits, have in recent years been dominated by unti-American sentiments.

VIEWPOINT

Eduard RYABTSEV

LEBANON: THE DANGER REMAINS

The decision to convene a onierence in Lausanno on naional reconciliation in Lebanon was the outcome of a whole range of substantive changes

The Italian and Brillsh military contingents left Belrut. The American Marines were moved to the Sixth Fleet ships, and the French have decided to withdraw their troops in the nearest fulure having bacome convinced of the disgrace which could befall them for playing up to the American policy of "arm iwisiing" in Lebanon.

Thus exploded the myth of thus exploses the myst of the peace-keeping mission of the "multinational force" of reveal NATO states in that countries the state of the countries of the coun iry. And it happened not by itself, but as a result of slubborn resistance by the Front for National Salvation now leading the structure for the freezion and leading the structure of the freezion and leading the structure. struggle for the freedom and Ja-

ing majority of the Lebanese The fleeting of the "m

ilonal force" from Beirut Indicates that the solution of the Lebanese problem has enfored a new stage. The talks between the Lebanese and Syrian prosidenis in Demascus ended by Lebanon abrogaling the oppressive agreement with Israel forced on it by the Americans on May 17 last year and with the help of which Washington fried to make the Labanesa Government follow the anti-Arab Camp David line.

As admilited by "The New York Times", this agreement was not a freely signed docu-ment, Israel had selzed a third of the country while the USA mounted heavy pressure on the Beirut authorities. The price of the "withdrawal" of israell troops amounted to the loss of

the army led to a situation in which Washington's strategists were depived of the hope of doing away with the Lebanese pairlots at the hands of the Lebanese themselves. In these conditions the presence of the "mulinational forces" acquired a part of the presence of the "mulinational forces" acquired a part of the presence of the "mulinational forces" acquired a part of the presence of the "mulinational forces" acquired a part of the presence of the "mulinational forces" acquired a part of the presence of the "mulinational forces" acquired a part of the presence of the "mulinational forces" acquired a part of the presence of the pr

Belrut's sovereignty over southern Labaron and to the establishment of Lebanon's complete most important aspects of forece on Tel Aviv ign policy. The May agreement virtually turned Lebanon into a

protectorate of Israel. The national patriolic forces naturally could not reconcile themselves to that. Mass deser-tions by Moslem soldlers from

inational forces" acquired a pa-tently interventionist nature. Now there are practically no American forces left in Belrut. But this does not mean that there is no longer any outside threat for the Lebandse — it still hangs over the country. over the country.

Sixth Fleet — is still lying close to the Lebaneso shores. The emergency visit to Beirut by Detense Secretary Cespar Weinberger produced nothing but anxiety among the Lebanese. Long bitter experience has faught them that "peace mission" junkets by high-placed American emissaries only lead to new heavy bloodshed.

Second, there is still the threat from the south where Israel keeps her occupation army and may at any time launch it against the national patriotic forces. Tel Aviv has repeatedly claimed that should Beirut abrogate the agreement, israel would not withdraw her troops from the country.

Due to US-israeli policies, the Lebanose President, Amin Gemayel was faced by the following choice: either to reject the agreement and thus open the way for the national dialogue and reconcilation or, by supporting it to plungs the committee of the com parting it, to plunge the country into the manistrom of a fresh itier civil war. He chose the first option.

SURVEY OF THE INDIAN ECONOMY

Delhi. During the annual bud-cetary session of the Indian Par-liament, held before the 1984/85 ilimancial year begins on April 1, line government presented a survey of the siste of the Indian economy. In the present (Inancial year of 1983/84 the Indian economy is developing successibility by the main indices. According to preliminary estimates, there has been a six to seven per cent overall growth in GNP. A bumper grain harvest of 142. of reality in the warped minor of reality in the warped minor presented by NATO should headquarters, the newspaper stresses. Via slander and lake accusations their training as it is A bumper grain harvest of 142-144 million lonnes was gathered. Industrial production has in-creased by 4.2 per cent. Oil pro-duction has grown to simple 27 duction has grown to almost 27 million tonnes, as compared with

WH INFORMATION ...

21 million last year, One hundred and furly tonnes of coal have been extracted. The area of trrigated land has almost reached 66 million bectares. There has been a slight reduction in the foreign balance of trade delicit.

A special report examines the operation of the state government sector in the Indian economy. More than two hundred major associations and enter prises in this sector have earned 6,180 million rupees in net prolits. New major investments have been made in the government sector, and there has been some growth in the export output of government-run enterprises.

OF INTEREST

Scramblina for glory

Spanish chel Allonso González has provad it possible to sail the seas not fust aboard big ships but using a fryingpan, too. He designed such a craft 3.8 metres across and its sides 1.3 metre high, and filled il with a small engine and two compact sails. The contraption set sail from the Ebro River, reached the Mediterronean and ullimotely moored at the French shores. Aller covering 4,000 kilometres, the captain of the Kilimkilon ship as Allonso named his trying-pan, announced Tobacco sales supply the Treas- even millionaires

soon to cross the Atlantic an eight-metre-high

he was planning some time

Money more important than health

The number of amokers in Great Britain has decreased over the past ten years by onethird. This was announced in the press with obvious pride by activists of British anti-

smoking societies. They stressed in particular that this result, which went contrary to govern-ment interests, had been achieved without government support.

ury with 10 million pounds da ly. The Billish Government, therefore, prefers a healthy treasury to a healthy nation.

0

No buyers

500 million yen (about 1.28 million dollars) — is the cost of a wedding gown exhibited at a Tokyo holel. It is decorated with 20,000 pearls and 63 diamonds, the largest one weighing 47,84 curais. The designer, Yumi Katsura, who specializes in wed-

months making it.
"What kind of a buyer did the designer have in mind?-ask the local papers. To date there are no takers for the gown, not

ding attire, said he spent five

Round the Soviet Union

WITHOUT LEAVING THEIR LECTURE-ROOM THE STUDENTS OF THE CIVIL AVIATION ACADEMY IN LENINGRAD CAN LEARN TO PILOT PLANES THROUGH BUSY "AIR-CROS-SINGS" RIGHT TO THE RUN-WAY OF THE AIRDROME. They can do it by means of the nawly instruduced complex with the "Start" electronic system, which simulates air traffic control in the zone of a large air-

ANCIENT SONGS AND DANCES OF THE INHABITANTS FROM THE KOMMANDOR-SKIYE ISLANDS WERE REVIVED IN THE REPERTOIRE OF THE UNANGAN (ALEUT) AMATEUR ENSEMBLE, WHICH PERFOR-MED FOR THEIR COUNTRY-MEN. The ansemble was set up a lillia mora than a year ago but it has already become popular on the native island in the Pacific Ocean. The artists showed the original art of Alguis to the seamen, port workers, log-gers and livestock-breeders of Kamchaika. They also perform ed in Moscow

■ WATER FROM THE ONIEPER DIVER HAS REACHED THE CITY OF KHARKOY, AN INDUSTRIAL CENTRE IN THE UKRAINE. II comes along a new 150-kilometro aqueduct which starts at the Dnieper-Donbass Canal. The aqueduct, which is electronically controlled, has a number of high-pressure pumping stations which lift the water to a height of nearly one hundred metres.



town of Chernovtsy in the Ukraino, Vyachoslav and Nina Migalyuk have eight children. As is pastime in which they all take part is singing.

Indeed the amaleur Chernobrivisy ensemble which they founded is very popular both in their home town and in Moscow, where they have even performed at the Kremlin Palace of

Amaleur family groups, such as the one created by the Migalyuks are quite common in this country — there are many in Moldavia, the Ballic republics, Uzbekistan and the Caucasus. And they quite often develop into fully-fledged amateur tolk ensembles. Starting off by giving performances to neighbours and friends, they go on to perform in neighbouring villages and towns, as well as in other republics.

The best of the family groups appear on the popular national TV folk art programme "Broaden out the Circle". It has a vast audience as there are now 25,000,000 people in this country involved in the amateur arts. After their the case with all big families, the parents have day's work or studies are over they harry off a lot on their hands. The Migalyuks' favourite to take part in amaleur theatricals, to choreographic or photo studios and folk ensembles.

about the same.

kilowatt-hours of energy

1,000,000 million

Power stations in the Irkuisk Region have now registered 1,000,000 million kilowali-hour of electrical energy. This may ked the 30th anniversary of large-scale power industry in

Today the power stations of the Baikal area, such as the irkutskaya, the Bretskaya, Un-Himskaya hydropower stallos and a number of thermal power stations, generate more than 60,000 million kilowallhours of energy a year. The power industry of the region has become a basis for the development of enormous energyintensive complexes for the production of aluminium, celllose, and the products of themistry and petrochemistry.

At the beginning of this year the likutsk power system tegan operating at maximum apacity. Along mighty power transmission lines electrical energy is also being supplied to the Krasnovatsk and the Baikal-Amur Railway,

Reservoir in the Caucasus

A reservoir holding more than four million cubic meter of water will guarantee stable harvests of grain, vegetables and fruit in the north of APP . boljan, a republic in the Casse sus. Over two thousand heraes of land in the Caucasian mountain ranges will be brought to life.

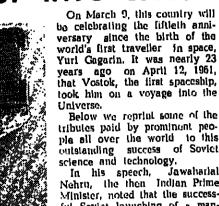
The practyon, a kilometre and a half above the sea level is the 40th project for miner in rigation built over the past few years on farms in the north of Azerbaijan. Today, every fourth becare

in the republic is irrigated. At present, over 300 lessivoirs are contributing toward better harvesis in Azerbaljan, k is intended to increase their number by one-third before the 11th five-year plan pend comes to an end in 1985. Under the Soviet Food Programme the area of irrigated land in the republic, as compared with the previous five-year period. is to be doubled.

THE FIRST MAN TO GO UP INTO SPACE

1000

HOME NEWS



years ago on April 12, 1961, that Vostok, the lirst spaceship, took him on a voyage into the Below we reprint some of the tributes paid by prominent people all over the world to this

outstanding success of Soviet science and technology.

In his speech, Jawaharial Nehru, the then Indian Prime Minister, noted that the success ful Soviet launching of a manned spacecraft and its return to Earth was a striking scientific achievement and above all of Soviet scientists. This is a real triumph for mankind, he said. It must make us think even more about the insanity of wars on our small planet.

Bernard Lovell, Director of the Jodrett Bank observatory in Britain, described Yurl Gagarin's flight as the greatest scientific achievement in the history of mankind.

To mark the Liftieth anniversary since the Lirth of the world's first cosmonant, the USSR Cosmonautics Federation has issued a Yurl Gagarin jublice medal. It will be awarded to scientists, designers, engineers, cosmonants and other specialists who design space rocket technology, take part in training cos-monauts, and in testing and launching space probes.

The medal can be awarded to foreign nationals for achieve-The Yuri Gagarin jubilee medal. ments in space.

ments in the exploration of the cosmos and in promoting the cause of international scientific cooperation in space. The medal will also be presented to writers and journalists for their contribution to publicizing achieve-

German fascists took its brick-

work apart. Prior to restoration, researchers had a lot of home-

work to do. Master masons at

restoration workshops jaid a new

entrance porch, decorated the

vindows with tracery slucco

mouldings and gave the walls

and the slanting roofs a new coat

be used by the regional library

as a book repository.

The restored monument will

of paint,

International awards to students of architecture The principle of a mechano

set forms the basis for a home designed by students of archi-tecture from the Academy of Aris in Tbilisi, the Georgian capital. The house is assembled out of wooden parts which are saturated with an anti-fire-resistant compound. A family can build a house like this in one week. They can decide for hemselves how many storeys their house will have and on the number of rooms and gene-ral lay-out. This original design has won the young architects an award from the French Architecture Association which organized a contest of students' pro-

jects held under UNESCO A molel for the building of a touring theatre designed by students from the Tbilisi Acad-

emy of Arts won high praise from the international organization of stage workers and theatrical technicians. The versatile building can be transformed in a matter of minutes. It need be, the houses and the street on which the theatre building is put up con

The young architects have also designed modern residential houses which have been

be turned into an impromptu

KAMCHATKA VOLCANO ERUPTS

The crater of the Bezymyanny volcano, one of the most aclive volcanoes on Kamchutka, a peninsula in this country's Far East, has come to life. A colump of ashes and gases has risen nearly 2,000 metres into the air, and red hot avalanches stream down the lava cupola into the crater. Dozens of steam and gas lets gush sky

The eruption was observed by volcanologists, flying over ore getting ready to land there to study the nature of the current processes. The pulse of the volcano is being monitored by seismic stations.

The volcano, which for a long time had been considered mactive, achieved notoriety after a catastrophic blast on March 30, 1956, which broke apart a third of Hs summit. It has since perfodically come 10

Improved road surface for deserts

Road builders in the Caspian area believe that before long, asphalt will no longer be used to build and repair molorways. A cheaper and stronger type of road surface has been invented ecientists from the Institute Petroleum Chemistry and Natural Salts, at the Kazakh SSR Academy of Sciences. Its main components are petroleum bituminous rocks from local oil fields, and refuse from the polypropylene industry.
Asphalt is little suitable for

descri roads. A year or two after being laid, it crumbles and bulges due to excess mine-ral saits in the soil and aimosphere, and because of sharp changes in temperatures between the seasons. Besides, the delivery of macadam from quar-

ries is an expensive venture. The search for alternatives has resulted in the crea-tion of a sort of petroleum bituminous concrete. It is made out of mountain rock saturated with natural bilumen and mixed with a small amount of polymer admixtures. Substances discarded as useless waste, en-velop the particles of crushed

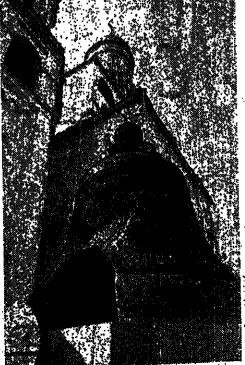
which a short while ago were rock in a strong film. Roads covered with this new material are imporvious to heat or cold.
Although it is three years
since the first district road to have been covered by this new type of material was opened, its surface is uttorly free of pockmarks or bulges. Indeed it looks as if a steam-roller has only just gone over it.

Places to visit

The enormous Tear Bell stands in front of the Ivan the Great Beifry in the Kremiin in Moscow.
Weighing 200 tonnes, it is the biggest bell in
the world and in terms of a work of cast iron it has no equals. It was cast in 1733-1735 by the Russian masters, the father and son Motoring.

A huge ti-tonne fragment of the bell lies next to it. One story has it that the bell was still in the casting pit in 1737 when a fire raxed the fragility is the still in 1737 when a fire raxed the Kremlin to the ground. While the tire was being put out, water seeped through to the belt and a "small piece" broke off. The Tsar Belt remained in the ground for a confury.

Today, placed on a pedestal, it is one of the sights of our capital.



VIEWPOINT RESEARCH

AND DEVELOPMENT: FROM THEORY TO PRACTICE

Academician Guri MARCHUK,

Vice-Chairman, USSR Council of Ministers; Chairman, USSR State Committee for Science and Technology

We need more efficient to search, in all the sciences. This is required by a number of objective factors which have been complicating the economic development of our country in the eightles. First and foremost, we are referring to lower growth in the able-bodied population and therefore to the inability to hoost industrial potential through increasing the work force. The second adverse facfor is the need to develop natural resources in the barsh conditions of Siberla and the Far East, as the more fovourably sited deposits are just about exhausted.

Major off and gas, com, non ierrous metal and office raw material bases are to he established in the vast expanses beyond the Urals and prospect ing along the sea shelf will con-tinue on a larger scale. True this regulies considerable outlays, special low-temperature terimology and new means for transporting natural resources.

Previously the country concentrated on expanding its in-dustrial and economic potential by investing mainly in new factories. As a result, over the last wo live-year plan periods fixed assets were almost doubled. This is a major achievement for our national economy. In order to oblalo even more liandsome re turns from the fixed assets, we must now switch from an extensive national economy to an

lutensive one. This implies that tudustrial performance has to be improved despite low growth in the work force. This can be achieved, first of all, through better equipment through savings of input materials and onergy and better pro-ductivity. In other words, wo inlend to improve the industrial facilities aiready in operation Reconstruction and the introduction of advanced technology ar the two most characteristic features of an intensive economy. Since reconstruction involves new technology, this will be done with effective assistance from research and developmen estitutions, the USSR Academy of Sciences, and university sci ence and research and production amaignmations. We have already drawn up 178 large-scale interindustrial state programmes for scientific and techgrammes for scientific and technological progress. These include the regional programmes for Siberia, the Urals and the Far Rast Than take more Far Hasi. They take more thorough account of local socil, economic and natural conditions and allow for smoother coordination between Academic, university and industrial sci-

The main criterion for as sessing the performance of any research team is the contribution to the development and intro-duction into industry of machines, equipment, advanced processes, etc., on the basis of fundamental and applied research. In view of the foregoing, the USSR State Committee for Science and Technology keeps a close eye on the development of technological centres capable of shaping trends in any field. Such control, siready in cornorate existing research in-situations, design bureaus and other agencies working for their respéctive industries.

Stronger than steel

Milling cutters which are now heing produced commercially at the Sestroretsk tool-making factory in the Leningrad Region. can cut hard metals, such as rempered steel, at the high speed of thirty metres per sec-

INDUSTRIYA newspaper.

At the same time as ensuring the preset shape of the ma-chined object, the cutter strengthens the surface layer of

the metal. After this sort of

machining there is no need to

polish the milled part, as in one run, the cutter, which operates noiselessly, does as much grinding as twenty tuns of a grinding

Machine-tool operators have thus been provided with a new generation of cutters. By taking dvantage of the qualities of synthetic cutting materials, engineers have created a technological logy which increases the offici-

The new milling cultors are partly made out of elbor, a superstrong synthetic material. They last much longer than previous models, although they cost

LIBRARY IN AN OLD CATHEDRAL during World War II, when

The 18th-century Saviour-Transfiguration cathedral of the Abraham monastery in Smo-lesk, in the Russian Pederation, has been restored to its original

повмонал

เมียสสภ

KOCMOHABI

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ANEKCEEBNY:

TATAPHH

The market of the

934.198

OF INTEREST

A portroll of the 18th-century cientist, Leonard Biler done by

The cathedral was ravaged

Mystery of the 'Unknown Old Man' revealed

a German painter in the scien-ut's lifelime has been found in the Tretyakov Gallery reserve

Eller made a considerable contribution to the development world still study is printed in one of the last years

This theory has now been shown to be mistaken by G. Andreyeva, a member of the Irelyakov Gallery stall. Comparing the portrait of "An Unknown Old Man" done by Dathes in the gallery's collection with an ciching and photograph of a canvas belonging to the Geneva Museum, she discovered that the "unknown" sitter was Leonard Rifer. That the Irelyakov Gallery portrait is an original work has been confirmed by X-ray examination. limed by X-ray examination.

of the mathematical sciences, schoolchildren throughout the infonometry as first presented by him. Born in Switzerland, Elic worked tor many years at the itussian Academy of Sciences Until guile recently it was believed that the portrait, printed in one of the least

of his life, was in the posses-ion of the Museum of the Aris and History at Geneva, and thistory at Geneva, and this country only had the ciched prints.

This theory has now been thought to be mistaken by

MR INFORMATION

FIVE YEARS BETWEEN ELECTIONS The changes which have taken place in the life of the Saviet people during the tive years since the pre-vious elections to the USSR Supreme Saviet are described in an article in the SOTSIALISTICHESKAYA

FROM the SOVIET PRESS

Real per capita income, which is the most general indicator of growth in living standards, has gone up by 13 per cent. This is one of the highest rates in the world. There is also a notable rise in the monetary incomes of the population. Compared with five years ago, the wages and salaries of factory and office workers have gone up by 14 per cent, and of collective farmers — by more than a quarter. There has been a 22 per cent increase in phymenta and benefits from the public consumption funds which now amount to an overage of 495 roubles per person a year. Filly million

their housing conditions over the post live years. Every year more and more measures are taken by the state to improve material standards and the cultural level of the Soviet people. In this respect, the social programme for the current economic year is no exception. The measures it envisuges encompass all spheres of life - recreation and lubour, incomes and consumption, housing conditions and everyday life, as well as cultural activities and spure time. There is one exceptional feature about the programme, however - in 1984 the most important indices of growth in national well-being will increase faster than last year, and even laster than the largets envisaged in the present tive-year plan.

WIND IN THE SERVICE OF MAN

MOSKOVSKAYA PRAVDA reports on recent successful tests at a proving range outside Moscow of the prototype of an advanced wind-powered electric sigtion. Though it was set up in an area not prone to high wind, at an average wind speed of 4 mps the unit had a capacity of 224 W. It is believed that a wind speed of 8 mps, would raise its capacity eightfold.

Among the areas in this country with constant high uit electric stations in the immediate vicinity of the winds is the northern constitue stretching for several coal pits. The electricity they generate will be transthousand kilometres, the newspaper points out. The mean annual wind speed there exceeds 6 mps. Were rational use to be made of the stations they could fully cales for power demand in such region. Among other windy areas are the Rostov and Volgograd segions, northern Kazakhstan, the mountain regions of the Crimeo, and the Pacific coastline. Moscow engineers are working hard to design reliable, high-powered

wind stations. In the current live-year plan period it is already planned to begin constructing one of these electric stations in a high wind area, the newspaper notes.

Researchers are looking for ways to make fuller use of wind power. Constant wind flows known as jet llows have been spotted in the temperate zone eight to ten kilometres above sea level close to the border of the troposphere and stratosphere. Gale-force winds of 80 to 100 mps hold sway there. Over Moscow, for instance, at this altitude there are winds of 40 mps. So why not erect wind stations in the sky. Appropriate designs have already been developed in this

HOW TO USE COAL FROM THE KANSK-AND-ACHINSK FIELD

A scientific and technical programme designed by Soviet specialists to provide the unswer to this question is described in the NTR: PROBLEMY I RESITENTYA

The Kansk-and-Achinsk brown coal field is unique. Localed in the Krasnoyarsk Territory in Sibbria it. stretches for eight hundred kilometres in the Kemerovo and likuisk regions. At shallow depths it has a geological reserve of capi estimated at more than four hundred ousand million tonnes.

However, the magazine notes, the high content of water and rock in Kansk and Achinsk coal makes its iransportation uneconomic. This has caused specialists to look for an economically sound method for utilizing the resources of this rich field. They have come up with three solutions as follows:

In the first place it has been decided to build power-

coal pits. The electricity they generate will be trans-

milled to consumers. in the second place, as part of the complex development of the region, major energy-consuming industries, such as non-ferrous metal smellers and chemical factories, will be built which means that a lion's share of the electricity will be consumed on the spot. In the third place, in order to mitigate the delic

ol energy in the Urals and, in the luture, in the enlire topcan pari of this country, it has been decided to create superpowerful transmission lines of a unique voltage and transmission capacity, both for direct and alternating currents.

These principles form the foundation for the long. term scientific and technical programme for the de-velopment of the Kansk-and-Achinsk Fuel and Energy Base, the magazine stresses.

CONCERN FOR MOTHER AND CHILD

As was the case in previous years, a sweeping programme designed to improve the conditions of ille for mothers and children is being implemented as part of the 11th five-year plan of 1981-1985, writes EKO-NOMICHESKAYA GAZETA of Moscow. There have been increased the second to been large increases in government aid to lamilles with many children, including grants to single mathers and additional paid leave has been introduced for mothers of two paid to the paid t

there of two or more children. The number of children's preschool establishments The number of children's preschool established and growing. In 1983, there were 132.8 thousand, and this year, new centres will be built to accommo thousand children of pre-school age, of whom 45 per cent live in the countryside, Parents pay only twenty, per cent the cost of maintaining their children at such

centres, the real being borne by the state. Apart from permanent preschool centres, summe kindergariens and Young Pioneer camps are organized. culering for live million children including two million of proschool age per year. In 1983, additional benefits were introduced to additional proschool. were introduced to cover the cost of accomm in Young Ploneer camps. Hall of this accomm is granted free of charge, and the rest is provided of twenty per cent of the nominal cost.

time. Delegates who came to

the next festival two years later

applauded their joint produc-tion, "All Baba and the Forty

Thieves". Mehra's second film

and the eighteenth for his Uz-

"The Legend of Love" was

binned in Tashkent Bukhara, in

mountain gorges, and the de-

serie of Uzbekistan, in the In-

dian cities of Bombay and

Chandahar, and in the streets

of an old Indian village.

Film based on Indian legend

The last episode in the film, "The Legent of Love", made by film makers from Uzbekişlan was shot in a small Indian villago not far from a clay quarry on the bank of a river. The Festival of the Countries of Asia, Africa and Latin America quarry is still used by local polters. The film is based on the in Tashkent, when the young tilm directors Umesh Mehra, of legend, of how a youth from llukhara set out in search of a young gul who lived in a poor fudia, and Latif Faiziyev, of Uzbekistan, met for the first

FACTS and EVENTS

Bailets. This season the Royal Bullat of London staged two ballats produced by Marius Petips — "The Sleeping Beauty" by Ichaikovsky and "La Baya-dure" by Minkus. Audiances have also boon attracted by "Cinderella" with music by Pro-Lofiev also staged by the Royal Ballet and by Tchaikovsky's "Nuteracker" produced by the London Festival Ballet.

Films. The Soviet film "An Un finished Piece for the Player Prano" is highly popular with film lovers in San Francisco. The "San Francisco Examiner" newspaper describes the film, which is being shown at one of the cooled cinomas in the city, as a geni of world cinoma.

Cooperation. A protocol relating to the organization of the forthcoming Days of Culture of the German Democratic Re-Union has been signed in Moscow. This festival of friendship dodicated to the 35th anniversary since the establishment o the German Democratic Repub lic will take place in every Soviet constituent republic in the raiddle of October. Soviet audiences will be able to attend performances by the Drasden Opere, the Berlin Gory Drama Theaire, the Radio Leipzig Symphony Orchestra, and by leading GDR soloists.

Legendary name

An exhibition cutitled "Simon Bolivar and Colombia" has opened in the USSR Union of Artists gallery at 25 Gorky Street in Moscow. The show, which is dedicated to the 200th anniversary since the birth of Simon Bolivar (1783-1830), comprises the most comprehensive collection of art ever to have been exhibited outside Colombia. The drawings, sculpture and paintings on display were done more than one hundred years ago. Among them are to draits of the legendary warirret, paintings of battle scenes, and works dedicated to the mos authoriant events marking Co-bradia's read to independence.



Pietro Teneroni, "Bollyar on Horseback".

Lyavonikha to go to Canada

The lilm forms a new page in the artistic friendship between film makers from India and Uzhekislan. This friendship began during an international Film



the most popular amateur folk ensembles in Byelo russia, was founded to years ago. Since then the bright and inimitable siyle of its performances has

won recognition in this country and abroad, Included in the enses ble's repertoire are Byelorussian folk dances, fle Russian quadrille, il Moldavian "Chora" a "Syrba" and dances the socialist countries. There are more than lifty dancers in the com pany, which has toured the GDR and Poland, Preparations are now underway for Lyavonikha to

Lyavonikha, one c

In the photo: dancers from the ensemble is their native city of Vi-

take part in the interna-

Canada.

tional folk art festival te

IRINA ARKHIPOVA'S BENEFIT PERFORMANCE



An "Anthology of Russian she first appeared on stage. part a thematic construction to iny programmes, says Arkhipo-va. But this is my first attempt

nages to engender - that lim Arkhipova owes her fame.

The singer is very busy. This season alone she saig Azucai a broad panorama of foreign, in a production of Verdis weussian and Soviet music. na "Il Trovatore" at Corest Carden in London, and has re-Some of the "Anthology of Russian Romance" concerts are corded Prokofiev's cantal to be given in Tallinn, Kley, Minsk, Ufa and in Sverdiovsk, "Alexander Nevski" with the Cleveland Symphonic Orchesta where I began my career sing-In Vienna. ing at the local opera house on November 1, 1954.

I am to sing in 'll Trovatore' in Monte Carlo, she says. I London and at the Edinburgh Postival I will sing "The Song and Dances of Death" by Mussorgsky, give a solo conceil and take part in a performance of Prokoficy's "Alexander New ski" cantala.

In Leningrad, I recently chalred the jury of an elimination vocal contest, Five of the winheld in June this year. In autumn I will head the jury the Glinka All-Union Conless Vocalists, the eleventh contes to date, the singer adds.

Natalia ZAKHAROVA

BUSINESS

TRADE PARTNER FROM ITALY

Soviel luceign trade organiza Soviel foreign trade organiza-tions have long standing busi-ness links with Montedison, the the Italian chemical concern. Mario Schimberni, a well known representative of Italian business circles and president of the lim said: Our Moscow visit was ca eptionally useful. We discused important questions of mutual trade, economic, scientiic and technological cooperation. Recently we celebrated the tenth anniversary of our first general agreement with

USSR Ministry for Foreign Trade worth nearly 1,000 million dollais it envisaged deliveries to the USSR of equipment of chemical facilities on an advanced com-ELECTRIC pensation basis (we buy some of the goods produced by the

chemical works). Construction will soon be com picted on the last two plants; there are about 40 of them alogether. We have ample oppor runities of expanding mutually profitable links not just in the area of the chemistry and pet roleum chemistry industry, but also in agroindustrial complexes the pharmaceutical in lustry, and environmental pro

SUDOIMPORT CELEBRATES

in Moscow, Sudoimport, the All-Union Foreign Trade Asso-ciation, and the Danish firm of Aalborg Vacrito have signed a major contract under three specialized refrigerator ships for transportation of citrus and other trult are to be built for the Soviet merchant

30th ANNIVERSARY

In May, Sudoimport will be celebrating its thirtieth anniversary, said O Kropotov, the Association's General Director Over these years, the volume of our commercial operations has grown many times, and today we do business with more than

eight hundred firms from eighty

The dry cargo carriers, fishing vessels, hydrofolis and other ships from Soviet ship-yards which Sudoimport sells are widely known throughout the world. The contract signed with the Danish firm is also important because the main engines of the ships will be manutactured in this country as will the radio navigation and other oading equipment to be instal-

This is a reliection of the successful development of our trade and economic coopera-

MACHINE-BUILDING IN THE GDR

A symposium arranged by the Elektromaschinenbau works, the biggesi producei of electrical equipment in the GDR, has been held at the GDR trade representation in Moscow. Those present were provided with vost information on the designs and operating principles of actuating die motors and

on the possibilities of using the latter for inclustrial robots to Improve and automatize pro-The Soviet Union is one of

the biggest clients for goods produced by Elektromaschinen bau This plant promotes fruit ful production contacts with Soviet enterprises, a good exam ple being its cooperation with the Leningrad Elektrosila assoclation for the reconstruction and rationalization of production capacitles

Contacts and contracts

() Ina All-Union Fareign Irade Association, Technoprom-import has signed a number of contracts with firms from Den-mark and Switzerland, the latter undertaking to supply to this country equipment for the milk processing industry, and for cheese-making and quick-frozen loods packaging factories.

 A protocol signed in Moscow specifies the volume of trade and payments between the Union of Soviel Socialist Republics and the People's Democratic Republic of Kores

The USSR and Spain have signed an agreement in Medrid for the promotion of economic and industrial cooperation over a 10-year period, it provides for contacts in building and modernizing industrial projects, joint production of certain kinds of mechines and equipment, exnachines and equipment, exchange of know-how and tech-

nical information.

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TECHMASHEXPORT



Romance" is the name Bolshol soloist Irina Arkhipova has hought up for the series of hamber concerts she is giving it the Moscow Philharmonic Society. She regards the cycle which was her idea as a sort of penelit performance marking he thirtieth anniversary since I have always sought to im-

at a series on this scale involv-

BRITISH LITERATURE

A recent cultural highlight in

British was a display of books by British writers and poets

which had been translated into

Russian and other languages of

the Soviet peoples. The books

include such classic British

authors as William Shakespeare,

Walter Scott, Daniel Defoe,

Robert Burns, Lord George By.

ton, Charles Dickens, John

series includes a cycle of vocal pieces in different genres, such as arias and duets from operas

one hand, it aims at providing a retrospective review of what i have done in this respect over the past few years, and on the other at allowing audiences to hear gems of Russian and Sovocal music, many of which have either been undeservedly forgotten or are very rarely performed at concerts. I will be giving the same series of concerts in Leningrad. The

full command, and to her talent for embodying an image on the

her voice, but also Arkhipova's talent for acting that struck audiences. Since then she has sung almost all the mezzo-soprano paris in the Bolshol repertoire at opera houses abroad It is to her remarkable vocal gifts, to the astonishing range of timbres expressed by he voice, to a rare musicality combined with enormous crudition. to her great dramatic plasticity and artistry of which she is in

stage plus tremendous emotion

al and spiritual power she ma-

Recognition came to Arkhipo-

a in 1956 after her debut as

Carmen at the Bolshol, with

one of the world's best tenois

Mario del Monaco singing Jose

it was not only the beauty of

ners who come from Moscow.
Kiev, Minsk, Veronezh, ard
Ashkhabad will enter for the
International Singing Competition in Sofia which is to be

WHAT'S ON

March 13-16

_THEATRES ___

Kremlin Palace of Congresses (Kremlin), 16 — A variety concert, Bolshol Theatre performance: 14 - Rossini, "The Barber of Saville" (opera).

Sq). 14 — Verdi, "La Traviala" (opera). 15 - Rimsky-Korsakov, "The Invisible City of Kitezh" (opera). 16 — Verdi, "Un ballo In maschera" (opera).

Stanislavsky and Nemirovich-Danchenko Musical Theatre (17 Pushkinskaya St). 14, 15-Tchaikovsky, "The Snow Malden" (ballet), 16 — Khrennikov, "Dotothea" (opera),

Operetta Theatro (6 Pushkinskaya S(). 13 — Gadzhiyev, "The Crossroads". 15 — Zhurbin, "Penelope". 16 — Strauss, "Die Fledermaus". A performance by the Stanislavsky and Ne-mirovich-Danchenko Musical Theatre: 14 - Mozart, 'La finta giardiniera" (opera).

__ FILMS ____

A social and psychological drama about youth and their Cinema: "Central Childs Cinema" (25 Bakhrushina Si Metro Paveletskaya

_ EXHIBITIONS _

terforming for young audiences Also taking part are the 'Dialogue' and "Arsenal"

Exhibition Hall. RSFSR At-tists Union (46b Gorky St). An exhibition of works by Mostow artist L. Shchipachov made by him over the past 6 years: 200 him over the past 6 years and re paintings, portrails and landscapes. Daily, except Monday, 11 a.m., till 7 p.m., Oa day, 11 a.m., till 7 p.m., noon till Saturday and Sunday, noon till 5 p.m. Metro Mayakovskay, trolleybuses 1, 12, 20.

Exhibition Hall. USSR Artist Union (20 Kuznelsky Most St. An exhibition of works by S. Osinovy fundamental S. Osipov from Leningrad: port

CONCERT HALLS

ralls, landscapes, still lifes, Daily, except Monday, 1 p.m. till 7 pm. On Salurday and Sun-

day, 11 am. till 5 pm. Metro

Big Concert Hall in the Olympic Village, 13, 14 — The Moscow Classical Ballet Ensemble in a first-night performance of Strauss' bailet Tricks Terpsichore".

Druzbha Sports Gym. Lenin Ccolral Stadium (Luzhniki). 14, 15, 16 - "Youth for Youth" concerts featuring young artists

Circus (13 Tsvelnoi Blvd). 'On the Wings of Time", a

WEATHER

he construction of the 421 km Tin Ponye-Hassi Messaoud gas pipe-

line, in the republic of Algeria is a major step in the further promo-lion of fruitful and mutually advantageous Soviet-Algerian economic

Photo by I. Zotin (TASS Photo Service)

times, and Central Army Sports Club — 26 times, Le-

ningrad Army Sports Club and Sokol have yet to win

SAMBO

Druzhba Sports Gym (Luzhni-

This international compo-

tition is devoted to the me-

mory of one of the tounders

of sambo wrestling. Taking part will be Bulgaria, Hol-

land, Spain Italy, Mongolia,

France, Japan and the So-

RACING

Hippodroma (22 Begovaya Si). 14 and 16 — Racing and

trotting. 6 p.m. (both days).

ki). 13 - Anatoly Kharlam-

plyev memorial compelliion

March 13-16 Spring is coming in earnest:

sunny, down to -3°, -10°C st night, with +3° to 5°C during the day on March 13. Later, a more agreeable 0° to +5°C. Dynamo was USSR cham. Wind NW at the end of the plog twice, Spartak — 4 week, 5-10 mps.

The small town of Trakal, which was the lirst capital of the Great Lithuanian Principality, lies 27 km Itom Vilnius. Trakai and its picturesque outskirts are one of the mo creation spots in Lithuania today. Bach year, more than a million Soviet and toreign tour isls converge on this town. Trakafs most interesting at-

traction is the imposing castle which stands on the island on Lake Galve, the castle was built in the 14th 15th centuries. Ar-chaeologists have established that when the castle was being built on Lake Gaive there were three other small islands nearby which the builders merged into one. The castle is built in the medleval Gothic style. After 1410 the castle became the oflicial summer residence of the great princes of Lithuania. The Golhio vaults of the castle were decorated with freecoes and stained-glass panels put into the windows.

Restoration work on the castle began in 1951 and now it glitters



Frakal Castle.

THE OLD CAPITAL OF LITHUANIA

agoin with chandeliers and sigined-glass windows. One can alten hear music sounding from its Gothic vaults. The Traket casile is a national landmark, the castle has a history museum, and special concerts of classical and Lithuanian folk missic are arranged there each summer for lourists and guests. But Trakat is not fust a castle, il lies in a very bequifful spot.

for proof of this one just has to climb up one of its towers and see the dozens of large and smail lakes with green islets surrounded with thick forests. The place has many tourist centres, boating and yachting sla-tions, holiday homes and Young Ploneer camps. Major interna

Intourist

news

tional towing compelitions, called "Ambet oars", underwater swimming tournaments and other competitions are held there every year.

Lovers of history and ethnography, visiting Trakai, will be interested to learn about the life and traditions of a rare einnie group who used to live in the Crimea, Good erilsans and kilohen-gardeners, they were in-

vited to Trakal by the Great Prince Vitation in the 15th century. Although many cen-turies have passed since then, the Karalles have preserved their traditions, language, craits and even their national cuisine. At the Trakat testaurant and snack-bar one can sample Karaile national food.

MK INFORMATION No. 20 4004

authors like Somerset Maug-ham, James Aldridge, Graham The exhibition was sponsored by the Society for cultural relations with the USSR to mark its 60th anniversary and that of British-Soviet diptomatic rela-'16th-20th-CENTURY EUROPEAN

Galsworthy, Oscar Wilde, Ber-

nard Shaw and contemporary

STILL LIFE' IN HERMITAGE Twenty museums of the Soviet Union and the GDR have coninbuted to the exposition "l6th-20th-Century European Still Life" which is being held in the Hemnitage in Leningrad.

POPULAR WITH SOVIET READERS

Forly-seven paintings have been loaned by the Dresden Callery, as well as art museums in Berlin, Schwerin, Gotha, Wei-mar, Leipzig, Potsdam, The same number of canvases come from the Luningrad Hermitage collection and from the Pushkin Museum of Pine Aris in Moscow. 27 other works have arrived from different Soviet cities.

This is one of the largest ex-positions held in the Hermitage over the past few years. It close-ly follows the history and de-velopment of atili-life painting.

The show will last until April

15, when it will then move to

A Cage for Canaries (Mos-film Studios).

Unlucky Ones (France).

A comedy, starring pers Richard and Gerard

dieu, about the search for the kidnapped daughter of the president of a big conpany. Cinema: "Novorossilsk" (47/24 Melro Tsezarya Kunikova Si).

__ SPORTS _

ICE HOCKEY Small Sports Arena (Luzbni-Li) 13 — Moscow Spartak vs Moscow Dynamo. 15 — Central Altay Sports Child To Tanagard Atmy Sports Club vs Leningrad
Army Sports Club, 16 — MosCow Dynamo vs Klev Sokol.
6.45 p.m. (every day).